

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/348,658DATE: 05/25/95
TIME: 10:16:42

INPUT SET: S3868.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Eaton, Dan L.
6 de Sauvage, Frederic J.
7
8 (ii) TITLE OF INVENTION: MPL LIGAND
9
10 (iii) NUMBER OF SEQUENCES: 20
11
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: Genentech, Inc.
14 (B) STREET: 460 Point San Bruno Blvd
15 (C) CITY: South San Francisco
16 (D) STATE: California
17 (E) COUNTRY: USA
18 (F) ZIP: 94080
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
22 (B) COMPUTER: IBM PC compatible
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24 (D) SOFTWARE: patin (Genentech)
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER: 08/348658
28 (B) FILING DATE: 02-DEC-1994
29 (C) CLASSIFICATION:
30
31 (vii) PRIOR APPLICATION DATA:
32 (A) APPLICATION NUMBER: 08/185607
33 (B) FILING DATE: 21-JAN-1994
34
35 (vii) PRIOR APPLICATION DATA:
36 (A) APPLICATION NUMBER: 08/176553
37 (B) FILING DATE: 03-JAN-1994
38
39 (viii) ATTORNEY/AGENT INFORMATION:
40 (A) NAME: Winter, Daryl B.
41 (B) REGISTRATION NUMBER: 32,637
42 (C) REFERENCE/DOCKET NUMBER: 871P1C1
43
44 (ix) TELECOMMUNICATION INFORMATION:
45 (A) TELEPHONE: 415/225-1249
46 (B) TELEFAX: 415/952-9881

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47 (C) TELEX: 910/371-7168
48
49 (2) INFORMATION FOR SEQ ID NO:1:
50
51 (i) SEQUENCE CHARACTERISTICS:
52 (A) LENGTH: 20 amino acids
53 (B) TYPE: amino acid
54 (D) TOPOLOGY: linear
55
56 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
57
58 Ser Pro Ala Pro Pro Ala Cys Asp Pro Arg Leu Leu Asn Lys Leu
59 1 5 10 15
60
61 Leu Arg Asp Asp His
62 20
63
64 (2) INFORMATION FOR SEQ ID NO:2:
65
66 (i) SEQUENCE CHARACTERISTICS:
67 (A) LENGTH: 26 amino acids
68 (B) TYPE: amino acid
69 (D) TOPOLOGY: linear
70
71 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
72
73 Ser Pro Ala Pro Pro Ala Cys Asp Leu Arg Val Leu Ser Lys Leu
74 1 5 10 15
75
76 Leu Arg Asp Ser His Val Leu His Ser Arg Leu
77 20 25 26
78
79 (2) INFORMATION FOR SEQ ID NO:3:
80
81 (i) SEQUENCE CHARACTERISTICS:
82 (A) LENGTH: 42 amino acids
83 (B) TYPE: amino acid
84 (D) TOPOLOGY: linear
85
86 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
87
88 Leu Leu Leu Val Val Met Leu Leu Leu Thr Ala Arg Leu Thr Leu
89 1 5 10 15
90
91 Ser Ser Pro Ala Pro Pro Ala Cys Asp Leu Arg Val Leu Ser Lys
92 20 25 30
93
94 Leu Leu Arg Asp Ser His Val Leu His Ser Arg Leu
95 35 40 42
96
97 (2) INFORMATION FOR SEQ ID NO:4:
98
99 (i) SEQUENCE CHARACTERISTICS:

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100 (A) LENGTH: 390 bases
101 (B) TYPE: nucleic acid
102 (C) STRANDEDNESS: single
103 (D) TOPOLOGY: linear
104
105 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
106
107
108 GAATTCCTGG AATACCAGCT GACAATGATT TCCTCCTCAT CTTTCAACCT 50
109
110
111 CACCTCTCCT CATCTAAGAA TTGCTCCTCG TGGTCATGCT TCTCCTAACT 100
112
113
114 GCAAGGCTAA CGCTGTCCAG CCCGGCTCCT CCTGCTTGTG ACCTCCGAGT 150
115
116
117 CCTCAGTAAA CTGCTTCGTG ACTCCCATGT CCTTCACAGC AGACTGGTGA 200
118
119
120 GAACTCCCAA CATTATCCCC TTTATCCGCG TAACTGGTAA GACACCCATA 250
121
122
123 CTCCCAGGAA GACACCATCA CTTCTCTTAA CTCCTTGACC CAATGACTAT 300
124
125
126 TCTTCCCATA TTGTCCCCAC CTA CTGATCA CACTCTCTGA CAAGAATTAT 350
127
128
129 TCTTCACAAT ACAGCCCGCA TTTAAAAGCT CTCGTCTAGA 390
130
131
132
133 (2) INFORMATION FOR SEQ ID NO:5:
134
135 (i) SEQUENCE CHARACTERISTICS:
136 (A) LENGTH: 390 bases
137 (B) TYPE: nucleic acid
138 (C) STRANDEDNESS: single
139 (D) TOPOLOGY: linear
140
141 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
142
143
144 CTTAAGGACC TTATGGTCTGA CTGTTACTAA AGGAGGAGTA GAAAGTTGGA 50
145
146
147 GTGGAGAGGA GTAGATTCTT AACGAGGAGC ACCAGTACGA AGAGGATTGA 100
148
149
150 CGTTCCGATT GCGACAGGTC GGGCCGAGGA GGACGAACAC TGGAGGCTCA 150
151
152

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153 GGAGTCATTT GACGAAGCAC TGAGGGTACA GGAAGTGTCT TCTGACCACT 200
154
155
156 CTTGAGGGTT GTAATAGGGG AAATAGGCGC ATTGACCATT CTGTGGGTAT 250
157
158
159 GAGGGTCCTT CTGTGGTAGT GAAGGAGATT GAGGAACTGG GTTACTGATA 300
160
161
162 AGAAGGGTAT AACAGGGGTG GATGACTAGT GTGAGAGACT GTTCTTAATA 350
163
164
165 AGAAGTGTTA TGTCGGGCGT AAATTTTCGA GAGCAGATCT 390
166
167
168

(2) INFORMATION FOR SEQ ID NO:6:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 25 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

178 Ser Pro Ala Pro Pro Ala Cys Asp Pro Arg Leu Leu Asn Lys Leu
179 1 5 10 15
180
181 Leu Arg Asp Asp His Val Leu His Gly Arg
182 20 25
183

(2) INFORMATION FOR SEQ ID NO:7:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 27 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

193 Ser Pro Ala Pro Pro Ala Cys Asp Pro Arg Leu Leu Asn Lys Leu
194 1 5 10 15
195
196 Leu Arg Asp Asp His Ser Val Leu His Gly Arg Leu
197 20 25 27
198

(2) INFORMATION FOR SEQ ID NO:8:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 25 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

205

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206 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
207
208 Ser Pro Ala Pro Pro Ala Xaa Asp Pro Arg Leu Leu Asn Lys Leu
209 1 5 10 15
210
211 Leu Arg Asp Asp His Val Leu His Gly Arg
212 20 25
213

214 (2) INFORMATION FOR SEQ ID NO:9:

215
216 (i) SEQUENCE CHARACTERISTICS:
217 (A) LENGTH: 14 amino acids
218 (B) TYPE: amino acid
219 (D) TOPOLOGY: linear
220

221 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

222
223 Xaa Pro Ala Pro Pro Ala Xaa Asp Pro Arg Leu Xaa Asn Lys
224 1 5 10 14
225

226 (2) INFORMATION FOR SEQ ID NO:10:

227
228 (i) SEQUENCE CHARACTERISTICS:
229 (A) LENGTH: 20 bases
230 (B) TYPE: nucleic acid
231 (C) STRANDEDNESS: single
232 (D) TOPOLOGY: linear
233

234 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

235
236
237 CCNGCNCNC CNGCNTGYGA 20
238
239

241 (2) INFORMATION FOR SEQ ID NO:11:

242
243 (i) SEQUENCE CHARACTERISTICS:
244 (A) LENGTH: 21 bases
245 (B) TYPE: nucleic acid
246 (C) STRANDEDNESS: single
247 (D) TOPOLOGY: linear
248

249 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

250
251
252 NCCRTGNARN ACRTGRTCRT C 21
253
254

256 (2) INFORMATION FOR SEQ ID NO:12:

257
258 (i) SEQUENCE CHARACTERISTICS:

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/348,658

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Line	Error	Original Text
27	Wrong application Serial Number	(A) APPLICATION NUMBER: 08/348658